

Claims

We Claim:

- (1) A pharmaceutical solution comprising ketoprofen and an edible base for oral medicating of animals.
- (2) The pharmaceutical solution of claim 1, wherein the edible weak base is selected from the group consisting of sodium bicarbonate, sodium chloride, potassium chloride, sodium sulfate, and potassium sulfate.
- (3) The pharmaceutical solution of claim 1, further comprising a flavoring agent.
- (4) The flavoring agent of claim 3 selected from the group consisting of cyclohexyl-sulfamic acid, saccharin (o-benzosulfimide), Aspartame (i.e., L-Aspartyl-L-phenylalanine methyl ester), and sugar.
- (5) A method for the treatment of rheumatoid arthritis in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.
- (6) A method for the treatment of osteoarthritis in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.
- (7) A method for the treatment of ankylosing spondylitis in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.
- (8) A method for the treatment of acute gouty arthritis in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.
- (9) A method for the treatment of acute tendinitis in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.
- (10) A method for the treatment of bursitis in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.

(11) A method for the treatment of primary dysmenorrhea in an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.

5 (12) A method for the analgesic treatment of an animal comprising administering to said animal a pharmaceutically effective amount of the ketoprofen solution of claim 1.

(13) A pharmaceutical solution comprising ketoprofen and an edible weak base, wherein ketoprofen is present in an amount of 1-10% by weight of the solution and wherein the edible
10 base is present in an amount no greater than about 90% by weight of the solution.

(14) The pharmaceutical solution of claim 13, wherein the edible weak base is selected from the group consisting of sodium bicarbonate, sodium chloride, potassium chloride, sodium sulfate, and potassium sulfate.

15 (15) The pharmaceutical solution of claim 13, further comprising a flavoring agent.

(16) The flavoring agent of claim 15 selected from the group consisting of cyclohexyl-sulfamic acid, saccharin (o-benzosulfimide), Aspartame (i.e., L-Aspartyl-L-phenylalanine methyl ester), and sugar.
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(17) The pharmaceutical solution comprising ketoprofen and an edible weak base, wherein ketoprofen is present in an amount of 10-20% by weight of the solution and wherein the edible base is present in an amount no greater than about 80% by weight of the solution.
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(18) The pharmaceutical solution of claim 17, wherein the edible weak base is selected from the group consisting of sodium bicarbonate, sodium chloride, potassium chloride, sodium sulfate, and potassium sulfate.

30 (19) A method for preparing a water-soluble ingestible form of ketoprofen comprising the following steps:

(a) mixing ketoprofen and an edible weak base in a ratio of 1:10 by weight;

35 (b) adding a flavoring agent.

(20) The flavoring agent of claim 19, wherein said flavoring agent is selected from the group consisting of cyclohexyl-sulfamic acid, saccharin (o-benzosulfimide), Aspartame (i.e., L-Aspartyl-L-phenylalanine methyl ester), and sugar.